

**Research Institutions in the Americas with Programs
Related to Conflict and Environment**

**Instituciones de investigación con programas en el área de conflicto y medio
ambiente en las Américas**

Minga Working Paper # 3

**Minga Program Initiative
International Development Research Centre (IDRC)
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**Iniciativa de Programa Minga
Centro Internacional de Investigaciones para el Desarrollo (CIID)
Canada
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Introduction

This report identifies some of the research institutions in the Americas that work on or train in the area of conflict and the environment. It includes universities and institutes that have undergraduate or graduate programs or training and research activities in conflict management, environmental conflict and natural resource management. It is not an exhaustive list but rather represents those institutions that could be identified through an internet search and from other existing listings (Info Andina, LANIC, Universidad para la Paz). We hope that it will be useful to researchers seeking to establish contacts with like-minded institutions and students seeking opportunities for training in these areas.

The list and brief description of research institutions is organized alphabetically by country. In most cases, the descriptions were taken directly from the institutions' web site. We apologize for any errors, mis-representations and omissions in the document, and invite users to provide us with corrections so that we can make the document as accurate and useful as possible. The document also includes a list of references to publications currently being used by some of the teaching institutions.

An electronic version of the document is available in English at: www.idrc.ca/minga/enrmconflictfinal.pdf

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Introducción

Este informe identifica algunas de las instituciones de investigación que trabajan o capacitan en el área de conflicto y medio ambiente en las Américas. El documento incluye universidades e institutos con programas de grado o postgrado; o que desarrollan actividades de capacitación e investigación en la gestión de conflictos, conflictos ambientales y gestión de recursos naturales. No es una lista exhaustiva, sino representativa de aquellas instituciones que fueron identificadas a través de una búsqueda en Internet y en otras listas existentes (InfoAndina, LANIC, Universidad para la Paz). Esperamos que sea de utilidad para investigadores que buscan contactar a instituciones con ideas afines y estudiantes en búsqueda de oportunidades para capacitación en estas áreas.

La lista y una breve descripción de las instituciones de investigación está organizada alfabéticamente por país. En la mayoría de los casos, las descripciones fueron sacadas directamente de los sitios web de las respectivas instituciones. Reciban nuestras disculpas por cualquier error, mala interpretación u omisiones en el documento, e invitamos a los lectores a proveernos de correcciones para poder hacer el documento lo más útil y exacto posible. El documento también incluye una bibliografía con publicaciones actualmente usadas por algunas de las instituciones de enseñanza.

La versión electrónica del documento está disponible en: www.idrc.ca/minga/enrmconflictfinal.pdf

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En América Latina y el Caribe

Iniciativa de Programa Minga
CIID
Oficina Regional para América Latina y el Caribe
Casilla de Correos 6379, Montevideo, Uruguay
Tel: (598 2) 902-2034
Fax: (598 2) 902-0223
Correo electrónico: Helen Raij hrai@idrc.org.uy

Section 1: Research Institutions

Argentina

Universidad de Buenos Aires

Contact information: Universidad de Buenos Aires (Argentina)
Av. San Martín 4453
Buenos Aires, Argentina

Web URL: <http://www.fder.uba.ar/derecho/posgrado/area22.htm>

Faculty / Dept.: Law / Derecho

Program: Programa Interdisciplinario en Negociación y Mediación (Alternativas a la Resolución de Disputas). (Interdisciplinary Program on Mediation and Negotiation)

Details / Courses: Training - Seminario: Disputas Complejas (Caso de Medio Ambiente).
Especialización en Mediación Comunitaria. (Complex disputes - case of the environment, focus on community mediation)
Training - Seminario: Colaboración y Consenso en Conflictos con Múltiples partes. Especialización en Mediación Comunitaria. (Collaboration and consensus in multiple party conflicts)

Contact:

Sara Rozenblum de Horowitz Directora de la Programa Interdisciplinario en Negociación y Mediación	Departamento de Posgrado. Av Figueroa Alcorta 2263. 3er Piso horowi@einstein.com.ar
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Facultad LatinoAmericano de ciencias sociales (FLACSO) - Sede Académica Argentina

Contact information: Ayacucho 551
(1026) Buenos Aires, Argentina.
Tel: (54-11) 4375-2435 / Fax: 4375-1373
E-mail: flacso@flacso.org.ar

Web URL: <http://www.flacso.org.ar>

Faculty / Dept.: Postgraduate Studies in Environmental Studies

Courses / details: Curso - Planificación, Negociación Y Mediación En Conflictos Ambientales (Course on Planning, Negotation, and Mediation in Environmental Conflict) - Este curso tiene como objetivo lograr capacidad instrumental para actuar en

procesos decisorios sobre cuestiones ambientales. (Course objective is to build capacity to act in decision-making processes on environmental issues).

Curso - Mediación Con Orientación Comunitaria-medioambiente (Course on Mediation Oriented to Community and Environment) - Este curso apunta a generar un espacio de capacitación, promoviendo la mediación como estrategia de resolución de conflictos en el ámbito comunitario y la formación de mediadores comunitarios y la educación para la paz. (Course aims to develop capacity for mediation as a strategy to resolve community conflicts).

Universidad Nacional de General San Martín (Argentina)

Contact information: Escuela de Posgrado:
Calle 52 (Peatonal Belgrano) 3563, (1650) San Martín,
Tel. 4580-7263/65/67

Web URL: <http://www.unsam.edu.ar/unsam/MGA.html>

Faculty / Dept. Escuela de Posgrado (Postgraduate School)

Program: Maestría En Gestión Ambiental (Master's in Environmental Management)

Details / courses: Temas relativos a la gestión ambiental, como en el análisis de los aspectos políticos, sociales, económicos, administrativos, jurídicos, organizacionales e instrumentales requeridos para el diseño y evaluación de políticas ambientales - incluyendo "habilidad y conocimiento para el análisis, diagnóstico y resolución de conflictos del ambiente." (Themes related to environmental management such as analysis of political, social, economic, legal, organizational aspects; instruments for environmental policy design and evaluation - including knowledge for diagnosis and resolution of environment-related conflicts)

Bolivia

Universidad Nur

Web URL: <http://www.nur.edu/ipp/progpostgrado/mdsus/maedsus.htm>

Faculty: Colegio de Posgrado

Program: Maestría en Desarrollo Sustentable (Master's in Sustainable Development)

Details / course: Enfoque sistémico y transdisciplinario de la problemática socio ambiental en el desarrollo. Un objetivo es el desarrollo de estrategias de gestión ambiental a través de procesos participativos, consultivos y comunitarios orientados por un marco conceptual coherente y evolutivo en el ámbito de la integración local y mundial. (Inter-disciplinary focus on socio-environmental development problems, one objective is development of strategies for environmental management through participatory, consultative and community based approaches)

CERES (Centro de Estudios de la Realidad Economica y Social)

Contact: Av. Circunvalacion entre Av. Santa Cruz, casi Esquina Potosi
Pasaje Warizata, No. 1
Tel: (591- 4) 29-31-48/ 29-31-49/ 29-31-50
Cochabamba, BOLIVIA

Web URL: (Background info) <http://secur.ls.net/ceres.htm>

Details/courses: CERES focuses on several different areas of research, including processes of application of the Forestry Law and recomposition of local norms; 'Concertacion y Conflicto Social'; dialogue and conflict resolution; conflict and natural resources as well as a program which focuses on bringing different actors together to develop and implement a multi-stakeholder approach for community forest

CESU (Centro de Estudios Superiores Universitarios)

Contact: Calama E-235
tel: (591-4) 25-29-51/ 22-03-17
Cochabamaba, BOLIVIA
cesu@pino.cbb.entelnet.bo

Details/Course: CESU offers several MA programs, including an 'Environment and Sustainable Development' MA. Within this program, conflict management is one of several key thematic areas addressed in the program by a) thesis research in the program, and b) by researchers at the Centre.

CIDOB (Confederacion de Pueblos Indigenas de Bolivia)

Contact: Villa 1 de mayo, Barrio San Juan
Santa Cruz, BOLIVIA
Casilla 6135
tel: 47-70-50, fax: 62-27-07
cidobpi@roble.scz.entelnet.bo

Web URL: <http://www.cidob.f2s.com/>

Details: CIDOB is an umbrella research organization for a number of indigenous people's associations. The institution does research on issues pertinent to the indigenous people's associations it represents. This research includes research on conflict management with regards to land claims issues.

Brazil

Red Ecorregional para America Latina - Brazil

Contact information: REDCAPA
Centro Internacional de Agricultura Tropical. CIAT
A.A. 6713 Cali, Colombia
TE 57 2 445 0000 Ext. 3137
Fax 57 2 445 0073
E-mail: CIAT-REDECO@cgiar.org
(Marcela Cazau REDCAPA
mcazau@redcapa.org.br redcapa@redcapa.org.br)

Web URL: <http://www.redeco.org>

Program / courses: REDCAPA dictara en colaboracion con varias instituciones cursos (a distancia) que incluye: Sustentabilidade, Desenvolvimento Rural e Conflitos Ambientais Organizado por REDCAPA / CPDA- UFRuralRJ. (In collaboration with other institutions REDCAPA will offer courses (distance and via Internet) including one on Sustainability, rural development and environmental conflicts).

Canada

Carleton University

Web URL: www.carleton.ca

A. Norman Paterson School of International Affairs (NPSIA) - Conflict Resolution Stream

Instructors: David Carment; David Long, Fen Hampson

B. Centre for Negotiation and Dispute Resolution

Director: Brian W. Tomlin

C. Mediation Centre

Coordinator: Rena Ramkay

Carleton University Mediation Centre

The Mediation Centre provides consultative services in Conflict Resolution to faculty and students. Its mandate is to build knowledge about the origin, process and management of disputes and conflict, as well as the relationship of conflict to social change. The Centre stocks a small library and can provide references for research and curriculum in organizational, cross-cultural and community conflict resolution, as well as in labour, family, victim-offender and interpersonal mediation. Staff keeps up to date on current research and theory-building in the field, acting as a resource for both instructors and students.

Contact

Rena Ramkay Coordinator: The Mediation Centre	2211 Dunton Tower 1125 Colonel By Drive Ottawa ON K1S 5B6 Phone: 520-5765 E-mail: rramkay@ccs.carleton.ca
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Dalhousie University

WebURL: www.dal.ca

Contact:

Fay Cohen School for Resource and Environmental Studies - Professor, teaches on Indigenous Peoples and Natural Resources	School for Resource and Environmental Studies Faculty of Management Dalhousie University 1312 Robie St. Halifax, Nova Scotia, Canada B3H 3E2 Tel. 902-494-8810 Fay.Cohen@Dal.Ca
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Patricia Doyle-Bedwell School for Resource and Environmental Studies - Professor, teaches on Indigenous Peoples and Natural Resources	School for Resource and Environmental Studies Faculty of Management Dalhousie University 1312 Robie St. Halifax, Nova Scotia, Canada B3H 3E2 Tel. 902-494-8810 Patricia.Doyle.Bedwell@Dal.Ca
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University of British Columbia

Web URL: www.ubc.ca

A. Institute for Resources and Environment (IRE)

The Institute for Resources and Environment has developed a series of multimedia CD-ROMs. These contains training materials, results of research projects and case studies of integrated resource management issues. (see below).

The CD ROMs developed by IRE that are available include:

1. Integrated Watershed Management

This CD-ROM is the electronic textbook for a graduate level distance education course offered at the University of British Columbia, but can be purchased without taking the course. It covers all aspects of watershed management (including biophysical, socio-economic and institutional) as well as a number of case studies. Keywords: watershed management, watershed assessment techniques, water quality, aquatic biota, sediment, hydrology, community involvement, partnerships, institutions for watershed management, forestry, mining, agriculture, urbanization, hydropower.

2. Watershed Management in the Nepalese Himalayas - Complex Problems - Complex Options: Preservation, Degradation and Rehabilitation in a Nepalese Watershed

The Nepal multi-media CD-ROM is the result of an 7 year integrated watershed study that covers most of the important bio-physical and socio-economic aspects of resource degradation in the Jhikhu Khola watershed, in the Middle Mountains of Nepal. Soil erosion, sedimentation, deforestation, soil fertility decline, water supply for drinking water and irrigation, and water contamination are the key topics addressed. Recommendations are made on preventative measures, and case study material is provided on land rehabilitation and afforestation. The socio-economic information reflects information collected during PRA's and RRA's. The CD-ROM provides a blueprint for integrated, community based watershed assessments.

3. Urban Watershed Assessment: Linking Watershed Health Indicators to Management

This CD-ROM is the result of a research project on the impacts of urbanization on the health of watersheds. An assessment methodology was developed to link watershed health indicators to management in urban watersheds. The assessment consists of a set of key watershed indicators which can be used by municipal officials, watershed managers and community stewardship groups for developing watershed management plans.

4. Assessing Non-Point Sources of Pollution in Watersheds: Case Studies in the Lower Fraser Valley, B.C., Canada

The NPS multi-media CD-ROM contains 5 case studies addressing non-point (NPS) sources of pollution in streams and groundwater. Three watersheds were examined in detail using GIS techniques to quantify current and historic land uses. Sediment and water quality was analyzed over a three-year period to determine the status, variability and processes of NPS pollution.

5. Resource Dynamics in the Goldstream Watershed - Revelstoke, B.C., Canada

From a project that examines land use conflicts between forestry, wildlife, and recreation in the Columbia Mountains of British Columbia. A number of land use scenarios were simulated and the conflicts and trade-offs were compared using "multiple accounts" methods.

6. Urban Watershed Management

This CD-ROM provides a very comprehensive and useful resource for anybody involved in managing water resources in urban areas, including municipal officials, community groups, consultants, agency representatives, watershed educators and interested individuals. In addition to many full-color images, diagrams and maps, the CD-ROM also contains a number of sound and video clips.

7. Gender & Resources in the Middle Mountains of Nepal

This CD-ROM is the product of a research project at the University of British Columbia funded by the International Development Research Centre (IDRC), Ottawa. The aim of this research is to document the situation of rural women and gender relationships in the Jiri region of the Middle Mountains of Nepal.

B. Resource Management and Environmental Studies

The RMES program research activities address a range of topics related to management, land management, environmental assessment, policy analysis, coastal zone management, agroforestry, water resource management, hydrology, energy, negotiation issues, risk perception and assessment, issues of governance, science and policy, and community development. The program's aim is to integrate the socioeconomic (political) and biophysical (ecological) approaches to resource and environmental issues.

Contact:

Anthony (Tony) H. J. Dorcey Professor, Community and Regional Planning	Institute for Resources and Environment (Westwater) 1933 West Mall Annex The University of British Columbia Vancouver, B.C. V6T 1Z2 dorcey@interchange.ubc.ca
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University of Guelph -

Web URL: www.uoguelph.ca

A. Natural Resources Management - Department of Land Resource Science, Ontario Agricultural College.

Objectives:

- to integrate their knowledge for the optimum handling of our land resources and to analyse the implications of resource decisions;
- to analyse and synthesize information from several core areas including soil, water, forest, fish and wildlife management;
- to apply this information to land use planning for the protection of agricultural land, natural areas, and other land resources; and
- to learn to implement and maintain policies which demonstrate human respect for our land resources.

University of Manitoba

Web URL: www.umanitoba.ca

A. Natural Resources Institute

Course: Social Resource Management

Instructor:

Description: Context of resource management and development; history of resource management; definitions of resources and management; sharing the power and responsibility for governance; the role of governments, user-groups, and the market; property rights and resource regimes; common property resources and institutions; traditional ecological knowledge; multi-stakeholder analysis; social analysis and the role of social values; top-down vs. bottom-up management; co-management.

Course: Ecological Resource Management

Instructor:

Description: The ecological context of resources; historical evolution of the resource concept from utilitarian to ecosystem thinking; the ecosystem concept and its applications to resource management and planning; adaptive management by use of feedback learning and by managing dynamic processes ecosystems; biophysical classifications of the environment; landscape ecology and habitat management; biodiversity - the conservation of living systems at the level of genes, species, and ecosystems; values of life support systems and ecological economics.

Course: Resource and Environmental Management Processes

Instructor:

Description: Policy formulation and implementation; policy analysis processes; decision making in complex environments; environmental assessment process-theory and practice; environmental assessment policy development; components of legislated assessment process.

Course: Resource and Environmental Management Tools

Instructor:

Description: Management tools; systems analysis tools-simulation, optimization, multi-objective analysis; economic tools-valuation and environmental accounting, incentives, supply-demand analysis; social approaches-public participation, conflict management, mediation, negotiation; legal, regulatory and policy tools.

Course: Sustainable Development

Instructor:

Description: An examination of the context, concepts, principles, and applications of sustainable development and natural resources at the international, national, and regional levels. Sustainable development is considered from three perspectives - environment, economy, and peoples' well-being. Particular attention is focussed upon the implication of sustainable development for natural resources and environmental management.

Contact:

Fikret Berkes Professor- Natural Resources Institute	Natural Resources Institute University of Manitoba , Winnipeg MB R3T 2N2, Fax: 1 204 2610038; Tel: 1 204 4746731 Berkes@ms.umanitoba.ca
John A. Sinclair Professor - Natural Resources Institute -	Natural Resources Institute University of Manitoba , Winnipeg MB R3T 2N2 Fax: 1 204 2610038; Tel: 1 204 4748374 Jsincl@ms.umanitoba.ca

McGill University

Web URL: www.mcgill.ca

A. School of Environment

Course: Society and Environment (focus on resource use)

Instructor:

Description:

Course: Knowledge, Ethics and Environment

Instructor:

Description: Themes include:
1. the orders of human knowledge involved in environmental perception and understanding;
2. the ways of representing environmental relations – narrative, recursive systematics, linear cause-and-effect – in models “of” and “for” reality;

3. the role of cultural knowledge in adaptation and evolution, the cumulative impact of our historical socio-environmental practice, and the scope for human creativity in responding to ecological “imperatives”;
4. environmental ethics as a function of world views, societal values, emotional investment and aesthetic response; and the link between moral and practical knowledge;
5. the relationship of social rights, responsibilities, rules and laws (both formal and customary) to environmental use and management; power as a determinant of resource rights; and stewardship as a standard for legitimate resource rights;
6. the dilemmas that arise when systems of knowledge, ethics and law come into conflict in resource use and environmental management, together with the opportunities and constraints that bear on compromise.

B. Department of Anthropology

Course: Environment and Development

Instructor: Professor D. Attwood

Description: Advanced study of the environmental crisis in developing and advanced industrial nations, with emphasis on the social and cultural dimensions of natural resource management and environmental change.

Contact:

Colin Scott Prof. of Anthropology - ecological anthropology and alternatives for natural resource management	Anthropology Department, McGill University Room 717, Stephen Leacock Building 855 Sherbrooke Street West Montreal, Quebec, Canada, H3A 2T7 scott@leacock.lan.mcgill.ca
D. Attwood Prof. of Anthropology - course on environment / development - focus on conflict and cultural dimensions of natural resource management	Anthropology Department, McGill University Room 717, Stephen Leacock Building 855 Sherbrooke Street West Montreal, Quebec, Canada, H3A 2T7 e-mail:attwood@leacock.lan.mcgill.ca

University of Ottawa / St. Paul's University

Web URL: University of Ottawa: www.uottawa.ca
Saint Paul University: <http://www.ustpaul.ca/>

A. Canadian Institute for Conflict Resolution

The Canadian Institute for Conflict Resolution (CICR) provides training in the concepts and skills of conflict resolution in a multicultural and multiethnic society. Its activities focus on both Canada and developing countries. In Rwanda and Burundi, CICR has been running programmes to train tens of thousands of people in local communities in the skills of mediation, conciliation and other conflict

resolution abilities. In Canada, CICR is offering a series of courses throughout the summer and early autumn on conflict resolution, negotiation and facilitation skills.

Contact Info: Vern Redekop, Director – Saint Paul University, Tel.(613) 235 5800 fax: (613) 235 5801 email: cicr@spu.stpaul.uottawa.ca

Contact:

St Paul's University	Vern Redekop Director – Canadian Institute for Conflict Resolution	Saint Paul University 223 Main St. Ottawa, Ontario K1S 1C5 Tel.(613) 235 5800 fax: (613) 235 5801 email: cicr@spu.stpaul.uottawa.ca
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Peacemakers Trust

It is a federally incorporated Canadian non-profit organization dedicated to research, education, and consultation on conflict resolution, good governance and peacebuilding. It focuses on i. conflict prevention, analysis and resolution; and ii. participatory decision-making, planning and development.

Simon Fraser University

Web URL: www.sfu.ca

A. School of Resource and Environmental Management

Course: Environmental Conflict and Dispute Resolution

Instructor:

Description: The course examines the theoretical aspects of conflict and dispute resolution in natural resource management settings and is designed to assist students in understanding the nature of environmental conflict and the role of environmental dispute resolution (EDR) techniques.

Contact:

Prof. Chad Day Prof - School of Resource and Environmental Management	Simon Fraser University Burnaby, B.C. CANADA V5A 1S6 chad_day@sfu.ca
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University of Victoria

Web URL: www.uvic.ca

A. Institute for Dispute Resolution - Master of Arts in Dispute Resolution

Program: The program focus is on public sector dispute resolution, including: foundation content on general dispute resolution theory and practice; applications of skills and knowledge to the design and implementation of land- and resource-use decision making, environmental decision making, First Nations treaty making, and other areas which require significant public involvement in decision making; applications of skills and knowledge to the design and implementation of institutionalized public dispute resolution systems, such as legislated or mandated alternative dispute resolution (ADR) schemes; restorative justice; administrative tribunals; and ombuds offices, human rights commissions and other similar mechanisms. the impact of social inequalities on conflict, including power, gender and culture especially issues relating to: - cultural diversity and dispute resolution processes and systems, - intercultural interaction, and- working with people from radically different cultures. The Institute for Dispute Resolution's research agenda has included:

- Conflict and culture
- Conflict and power
- Conflict involving Aboriginal Peoples
- Conflict and governance
- Environmental conflict
- Community mediation
- Dispute resolution in Thailand
- Dispute resolution in Cambodia
- Qualifications for practitioners

Instructor: David Turner

Course: Conflict Analysis and Resolution: Basic Concepts and Skills for Public Sector Dispute Resolution

Instructor:

Description: This course examines the forms and functions of major dispute resolution processes: mediation, negotiation and adjudication. These are the processes which are critical to any person concerned with resolving disputes. Alternative dispute resolution (ADR) is studied from theoretical, critical and practical perspectives.

Course: Conflict, Culture and Diversity

Instructor:

Description: The effect of different cultural perceptions and experiences on the definitions, approaches, processes and resolution of conflict are examined in selected conflict situations from public sector contexts. The dynamics of power are discussed in light of the central role culture plays in conflict. Literature from studies on culture, conflict and

power provides new perspectives for integrating these concepts. Reference is made to research on consensual models of conflict resolution in diverse cultural contexts.

Course: Public Policy, Law and Dispute Resolution

Instructor:

Description: The course examines a range of contemporary issues of governance. It focuses on the interaction of legislative, judicial, and administrative institutions and processes as they respond to such pressures as the demand for enhanced representation; public participation and direct democracy; access to justice and alternative dispute resolution; aboriginal self government; fiscal restraint; public accountability and ethics.

Contact:

David Turner Prof. - Institute for Dispute Resolution	Begbie Bldg. Rm 123 PO Box 2400, Stn CSC Victoria BC V8W 3H7 Canada dturner@uvic.ca
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University of Waterloo

Web URL: www.uwaterloo.ca

A. Conrad Grebel College - Peace and Conflict Studies Program (PACS)

Background : The purpose of the Peace and Conflict Studies (PACS) program is to explore why conflict and violence occurs, to understand how conflict can be managed, utilized, and transformed by "collaborative decision-making" to accomplish constructive ends, and to facilitate real-life, hands-on, "in the field" learning of peace and conflict issues through Internship placements with a wide variety of peace, justice, and development agencies. A theoretical understanding of peace and conflict, as well as training in the practical skills necessary to practice the techniques, are explored.

Course: Conflict Between Native Peoples and Newcomers: Roots and Resolution

Description: A study of the historical roots of conflict between First Peoples and newcomers which analyses how the relationship between Aboriginal and non-aboriginal peoples has evolved in Canada. Contemporary conflicts will be studied from the perspective of both traditional aboriginal approaches to conflict resolution and more recent theories and methods.

Course: Justice in Third World Development

Description: This course introduces a number of case studies in Third World development (focussing especially on Africa) with the purpose of examining current and alternative development projects in terms of their contribution to justice within the society involved and within the larger world community.

Course: Community Conflict Resolution

Description: An analysis of the growing use of mediation and other conflict resolution strategies in community conflicts, race relations, church disputes and alternatives to the legal system. The course focuses on case studies with attention to both practical and theoretical issues.

B. Department of Environment and Resource Studies (ERS)

Current research in ERS includes:

- agroecosystem management
- biodiversity conservation
- climate change: policy, planning, and management issues
- conservation in natural heritage areas
- cross-cultural studies on social and environmental issues
- ecosystem management
- environmental assessment: integration into planning
- environmental monitoring
- forest and mining resource policy
- park management and design
- restoration ecology
- sustainable systems for everyday living (e.g. waste management)
- urban ecology
- urban growth management for sustainability
- water management, water quality, wastewater systems

Contact:

Mary Louise McAllister Associate Professor Department of Environment and Resource Studies (ERS)	Environmental Studies I - Room 219 Department of Environment & Resource Studies Faculty of Environmental Studies Environmental Studies Building 1 (ES1) University of Waterloo 200 University Avenue West Waterloo, Ontario, N2L 3G1, Canada mlmcalli@fes.uwaterloo.ca
Lowell Ewert Director of the Institute of Peace and Conflict Studies PACS Program - Conrad Grebel College	Conrad Grebel College Waterloo, Ontario N2L 3G6 lmewert@uwaterloo.ca

York University

Web URL: www.yorku.ca

A. Faculty of Environmental Studies (FES)

Course: Resource Management

Instructor:

Description: Examination of the principles of resource management and conservation, with emphasis on integrating ecological/physical, economic, and social / philosophical /ethical considerations in contemporary problems in resource management.

Course: Urban-Regional Planning

Instructor:

Description: Introduction to planning for urban centres and regions. Emphasis is on the history of urban-regional planning thought and practice, key planning models and concepts, the planning process, and plan implementation.

Course: Environment and Behaviour

Instructor:

Description: Introduction to the study of human responses to the environment, focussing on responses to attempts to shape the environment through planning and design. Emphasis is on built and social aspects, with some attention given to natural aspects. Examples are drawn from environmental psychology, environmental sociology, behavioural geography, and environmental health.

Course: Development Studies

Instructor:

Description: Survey of the evolution of development theory over the past three decades. Economic, social, political, and environmental ideas are discussed in relation to the process of development in both northern Canada and the Third World.

Course: Resource Management in Third World Development

Instructor:

Description: Study of the theory and practice of natural resource management in the Third World, including a general assessment of the nature and distribution of the renewable and non-renewable resource base for sustainable development. Particular emphasis is placed on ecologically sound and socially viable approaches to development in both urban and rural areas.

Course: Ecology in Third World Development

Instructor:

Description: Examination of the nature of tropical and subtropical environments, particularly as they relate to conservation, resource management, and sustainable development. Emphasis is directed toward alternative approaches to issues in conservation and development, particularly eco-development strategies, and toward the integration of ecology into development planning in Third World countries.

Course: Public Involvement and Planning
Instructor:
Description: Overview of theories of public participation, and consideration of methods and techniques relevant to planning issues and problems of citizen involvement in planning practice.

Course: Culture and the Environment
Instructor:
Description: Critical exploration into current literature in the emerging field of Cultural Studies. Examination of the discourses through which we attach 'culture' to nature, place, and space. Particular attention is given to what resources contemporary cultural studies might offer in analyzing interactions between culture, nature, and place; between social identity, community, and built and natural environments.

Contact:

Paul Zandbergen Prof - FES	Faculty of Environmental Studies, York University 355 Lumbers Building, 4700 Keele Street North York (Toronto), Ontario, Canada, M3J 1P3 water@yorku.ca
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Chile

Universidad Austral de Chile

Contact information: Casilla 567, Valdivia, Chile
Fax: +56 63 221231
E-mail: mforesta@valdivia.uca.uach.cl

Web URL: <http://www.uach.cl/>

Faculty / Dept. Instituto de Manejo Forestal (Institute for Forestry Management)
Details / Courses: objetivos comprenden el estudio de alternativas de uso del recurso forestal, incluyendo la interrelación con otros sectores; y en el área de manejo de recursos, desarrolla los métodos de análisis que integran los procesos biológicos, físicos, sociales y políticos que afectan la asignación y manejo de uso múltiple de los recursos forestales. (Objectives include alternative uses of forest resources and their interrelations with other sectors in the area of NRM)

Universidad de Chile

Contact information: Santa Rosa 11315 - La Pintana. Casilla 1004. Santiago. Chile.
Teléfono (56-2) 678 5744. Fax: (56-2) 541 4952

Web URL: <http://www.uchile.cl/>

Faculty / Dept.: Facultad de Ciencias Forestales
Departamento de Manejo de Recursos Forestales

Details: Docencia, investigación y Extensión en el ámbito de la gestión y toma de decisiones en los procesos orientados a la producción y uso sustentable de los recursos forestales. (Research on management of and decision-making processes for the productive and sustainable use of forest resources).

Colombia

Pontificia Universidad Javeriana (Bogota, Colombia)

Contact information: Carrera 7 No. 40 - 62, Edificio 9, piso 2
Información: 320-83.20 extensiones -2486, -2469, -2496
Fax: 288-08.30
E-mail: politicas@javeriana.edu.co

Web URL: <http://venus.javeriana.edu.co/cpolitic>

Faculty / Dept.: Facultad de Ciencias Politicas

Program: Especializacion en Resolucion de Conflictos

Details / Courses: La Especialización busca capacitar profesionales para la prevención, la transformación el tratamiento y/o resolución de conflictos a cualquier nivel (incluyendo conflictos ambientales) y contribuir a la generación de contextos favorables para zanjar o manejar las diferencias por métodos no violentos y a la promoción de una cultura de tolerancia y respeto a las diferencias. (Aims to increase capacity for prevention and resolution of conflicts at all levels including environment-related).

Pontificia Universidad Javariana

Contact information: Cra 7a. 42-27, pisos 6 a 8, tel. (57-1) 3208320 ext. 6536, Bogotá. Colombia

Web URL: <http://www.javeriana.edu.co/Facultades/fear/>

Faculty / Dept. Facultad de Estudios Ambientales y Rurales y Instituto de Estudios Ambientales

Program: Maestria Gestion Ambiente para el Desarrollo Sostenible (Master's in Environmental Management for Sustainable Development)

Details / courses: Includes interdisciplinary programs and projects relating to environmental resource management as well as institutionalization of capacities for resource management at local level.

Universidad Distrital Francisco José de Caldas (Colombia)

Contact information: Sede El Vivero
Avenida Circunvalar - Venado de Oro
Tel. 2 84 14 12
Email natural@udistrital.edu.co

Web URL: <http://www.udistrital.edu.co/>

Faculty / Dept.: Especialización En Gerencia De Recursos Naturales

Details / courses: El programa integre conocimientos sobre el uso, manejo y conservación de los recursos naturales y del ambiente dentro de una concepción de desarrollo sostenible (involucrando aspectos jurídicos, regionales e intersectoriales). (integrates knowledge on management, use and conservation of natural resources in context of sustainable development, invoking judicial, regional and intersectoral aspects)

Costa Rica

Universidad Nacional de Costa Rica

Contact information:

Web URL: <http://www.una.ac.cr/>

Faculty:

Program: Programa Cambio Social, Biodiversidad y Sostenibilidad del Desarrollo (CAMBIO)

Details / courses: Courses in themes related to conflict and the environment / resources (Cursos en conflicto y medioambiente)

Universidad para la Paz

Contact information:

Web URL: www.upaz.org

Faculty / Dept.: Dept. for Natural Resources and Promotion of Peace
Program: Program in Management of socio-environmental conflict; and a training course for professionals on Collaborative Processes in the Facilitation of Environmental Conflicts in October 2001

Instituto Tecnológico de Costa Rica

Contact information: Apdo. 159-7050, Cartago, Costa Rica
Correo Electrónico: EIF@itcr.ac.cr
Tel: (506) 552-5333
Fax: (506) 591-4182/ 591-3315

Web URL: www.itcr.ac.cr

Faculty / Dept.: Escuela de Ingeniería Forestal

Details / courses:

CATIE - Costa Rica

Contact information: Código Postal 7170
Turrialba, Costa Rica
Teléfonos: (506)556-1016 ó 556-6431
Faxes: (506)556-0914 ó 556-1533
E-mail: posgrado@catie.ac.cr

Web URL: <http://www.catie.ac.cr/>

Faculty / Dept.: Escuela de Postgrado

Details / courses: Maestría en Socioeconomía Ambiental; Maestría en Agroforestería Tropical (Masters programs in Environmental socio-economy and agroforestry- include courses relating to conflict and NRM)

Dominican Republic

Instituto Tecnológico Santo Domingo

Contact information: 1Ave. Los Próceres, Galá Santo Domingo, República Dominicana
Tel: (809) 567-9271
Fax: (809) 566-3200

Web URL: <http://www.intec.edu.do/area-basicas/indice-manejo.html>

Program: Maestría en Ciencias Ambientales - Mención en Manejo de Recursos Naturales
Details / courses: Objetivos incluye:

- Identificar y evaluar los recursos naturales desde una perspectiva interdisciplinaria
 - Establecer prioridades de manejo con base en la potencialidad productiva de los recursos
 - Planificar y diseñar políticas ambientales adecuadas a las necesidades del país
 - Identificar, analizar y manejar conflictos en el manejo de los recursos naturales
 - Conducir investigaciones que permitan administrar y supervisar el manejo adecuado de los recursos naturales
 - Coordinar y ejecutar actividades, planes y proyectos vinculados al manejo de los recursos naturales
 - Participar activamente en la toma de decisiones relacionadas con la administración de recursos
- (Objectives include identification, analysis and management of conflicts in the management of natural resources)
-

Ecuador

Pontificia Universidad Católica de Ecuador - Ibarra Campus

Contact information: Escuela de Ciencias Agrícolas y Ambientales (ECAA)
(School of Agricultural and Environmental Sciences)
Pontificia Universidad Católica del Ecuador Sede Ibarra
icades@imbanet.net
Tele: 593-9-360046 Fax: 593-6-641786

Web URL: www.puce.edu.ec

Faculty / Dept.: Master's in Natural Resource Management (Scott Wilson ICADE)

Details / courses: Includes component on conflict and decision-making (strong inter-disciplinary approach)

Facultad LatinoAmericano de ciencias sociales (FLACSO) - Sede Académica Ecuador

Contact information: Ulpiano Páez 118 y Ave. Patria Casilla 17-11-06362 Quito, Ecuador
Tel.: (593-2) 232-0301/(593-2) 232-031
Fax: (593-2) 566-139
flacs@uio.satnet.net

Web URL: <http://www.satnet.net/flacso/>

Program: Postgraduate program on Environment Studies (Posgrado - Medio ambiente)

Details / Courses: Incluye “Desarrollo, sustentabilidad y medio ambiente;” “Género, desarrollo y medio ambiente;” y “Política, economía y manejo de recursos naturales” (courses include sustainable development and environment; gender, development and environment; politics, economics and the management of natural resources)

- Also of note in Ecuador are resources produced by the FAO’s Forest Trees and People Program including a methodological guide for community management of socio-environmental conflicts “Guía metodológica de manejo comunitario de Conflictos Socioambientales” or (MACS) (1997). FFTP distributes these resources widely, including to academic institutions working in this field.

El Salvador

Programa Salvadoreño de Investigación sobre Desarrollo y Medio Ambiente (PRISMA)

Contact information: 3a Calle Poniente, #3760
Colonia Escalon
San Salvador, El Salvador
phone: (503) 298-6852
fax: (503) 223-7209
email: prisma@es.com.sv

Web URL: <http://iisd.org/tkn/members/prisma.htm>

Details / courses: Research and learning organization working in socio-environmental conflict, and most recently researching new institutional arrangements for environmental / resource management including conflict management.

Guatemala

Universidad San Carlos

Contact information:

Web URL: www.usac.edu.gt

Faculty / Dept.: Centro Conservacionista

Details / courses: Research on conservation including themes related to management of socio-environment related conflict. PRISMA has the following general objectives:

- To foster a better understand amongst the different social actors of the intrinsic relationship between development and environmental problems
- To promote a viable, sensible and socially inclusive framework for strategic environmental management that incorporates environmental and social criteria in development and land use policies

Honduras

COLABORA - Red Mesoamericana de Manejo de Conflictos Socioambientales,

Contact information: Telefax: (504) 220-1117

An network of organizations concerned with strengthening community-based natural resource management, with a focus on NRM - related conflict resolution.

Escuela Panamericana, El Zamorano - Honduras

Contact information:

Web URL: <http://zaproxz.zamorano.edu.hn>

Faculty / Dept.: Escuela de agricultura:

Details / courses: Proyecto UNIR and Proyecto PROCUENCAS broadly related to NRM / community decision-making processes (more info)

Nicaragua

Universidad Nacional Agraria

Contact information: km 12 1/2, Carretera Norte
Apartado postal No. 453, Managua, Nicaragua
Telefono: (505) 233-1619
Fax: 233-1950

Web URL: www.una.edu.ni

Faculty / Dept.: Facultad de Recursos Naturales y Ambiente, Departamento de Manejo de Recursos Naturales Renovables

Details / courses: “Pre y Post – Grado en el Manejo de los Recursos Naturales Renovables, con énfasis en Manejo Forestal, Silvicultura, Ordenamiento Territorial, manejo de Cuencas Hidrográficas, en la Biodiversidad de los Ecosistemas y en la Administración de Recursos Naturales, y estrategias y políticas nacionales, relacionadas al Manejo Racional de los Recursos Naturales Renovables...”
(Includes some courses in NRM and conflict)

Peru

Escuela Andina de Postgrado

Contact information: Av. Tullumayo 465, Cusco - Peru
Telf: (51-84) 233472, 222643
Fax: (51-84) 241319

Web URL: <http://www.cbc.org.pe/coland/gestion.htm>

Faculty / Dept.: Gestion Ambiental Y Desarrollo

Details / courses: Organizacion Del Espacio Y Gestión Ambiental
Manejo de Conflictos Socio-ambientales
(management of socio-environmental conflict)

Instituto Peruano de Resolucion de Conflictos, Negociacion y Mediacion (IPRECON)

IPRECON is an interdisciplinary organization promoting the non-violent management and resolution of conflicts. It seeks to advance the use of alternative methods of dispute resolution, grounded in the principles of equity, tolerance and dialogue. Objectives are:

- To promote a change of attitude towards conflict, in how it is managed and its resolution, one which values the interests, experiences and culture of the parties involved.
- To spread the use of negotiation, conciliation and mediation as alternative dispute resolution methods.
- To analyze, using an interdisciplinary perspective, the diverse manifestations and dynamics of social conflict in Peru on various levels, including: interpersonal, domestic, labour, community, international, and ethnic conflicts.

Contact:

Instituto Peruano de Resolucion de Conflictos, Negociacion y Mediacion (IPRECON)		Contact Info: Post Box 14-0034, Lima 14, Peru, Tel: (51-1) 428-7568 Tel: (51-1) 428-4724 Fax: (51-1) 428-4724 E-mail: iprecon@telematic.edu.pe
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United States

Antioch University

Web URL: <http://www.antioch.edu/>

A. The McGregor School (Conflict Resolution)

Course: Introduction to the Field of Conflict Studies and Intervention

Instructor:

Description: This course introduces students to a variety of areas of conflict studies, including analysis of sources and dynamics of conflict, global contexts of conflict, alternative dispute resolution processes, perspectives on conflict and intervention, and peace studies.

Course: Identity, Culture and Conflict

Instructor:

Description: Students examine the relationship of identity, culture, and ethnicity to conflict dynamics, conflict resolution, and conflict transformation.

University of Arizona

Web URL: www.arizona.edu

A. Udall Centre for Studies in Public Policy - Environmental Conflict Resolution Programs

i. Community-Based Collaboratives

ii. Community Forestry

Contact:

Prof. Ann Moote Prof. - Udall Center for Studies in Public Policy - Environmental Conflict Resolution Programs	803/811 E. First St. Tucson, AZ 85719 moote@u.arizona.edu
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Bryn Mawr College

Web URL: <http://www.brynmawr.edu/>

A. Department of Anthropology

Course: Conflict and Conflict Management: A Cross-cultural Approach
Instructor: Ross
Description: A study of how and why societies throughout the world differ in their levels and forms of conflict and methods of settling disputes. Explanations for conflict in and among traditional societies are considered as ways of understanding political conflict and dispute settlement in the United States and other contemporary settings.

Contact:

Prof. Marc Ross Professor of conflict studies	Dept of Political Sc. Bryn Mawr College 101 North Merion Avenue Bryn Mawr, PA 19010-2899 mross@brynmawr.edu
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Clark University

Web URL: www.clarku.edu

A. Program for International Development, Community Planning and Environment

i. Center for Community-Based Development (CCBD)

Clark's Center for Community- Based Development (CCBD) is the research and training arm of the University's Program for International Development. CCBD works in partnership with organizations and institutions world-wide to strengthen grassroots planning and action to build sustainable development. Clark's Center for Community- Based Development is unique in its ability to link community institutions, development planners, external agencies and policy makers. Specific goals include: CCBD

→ Research: Learning to be Effective

Communities use participatory activities to analyze the causes of their problems and explore possible solutions. At the same time, the community members apply these analytical abilities to their institutions.

→ Action: Learning to be Efficient

Having determined their highest priorities, community groups prepare action plans and implement them, often working with external partners such as government or humanitarian organizations. After implementation, villagers monitor and evaluate their activities using performance standards that they have set.

→ Outreach: Learning to Expand

CCBD publishes handbooks, case studies and training materials to prepare development workers to manage new community development projects.

→ Grassroots Approaches:

Analytical Tools (including Participatory Rural Appraisal and social and gender analysis) to:

- ◆ help rural and urban communities to support activities
- ◆ strengthen local leadership and institutions
- ◆ integrate those involved in managing their livelihood resources.

Contact:

Richard Ford Professor - Centre for Community Based Development	IDCE Centre for Community Based Development 950 Main St. Worcester MA 01610-1477 USA rford@clarku.edu
Barbara Thomas-Slayter Professor and Director of the International Development Program	IDCE 950 Main St. Worcester MA 01610-1477 USA bslayter@clarku.edu

University of Colorado

A. Conflict Research Consortium - Environmental Conflict Projects:

- Inter-University Consortium on Framing Intractable Environmental Conflicts
- Colorado Internet Centre for Environmental Problem Solving

Director: Barbara Gray, 408 Beam Building, Department of Management & Organizational Behaviour, University Park,
PA 16802, Phone 814-865-3822, Fax: 814-865-0123, Email: b9g@psu.edu

The Conflict Research Consortium (based at the University of Colorado)

It is a multidisciplinary program of research, teaching, and application, focussed on finding more constructive ways of addressing difficult, long-term, and intractable conflicts, and getting that information to the people involved in these conflicts so that they can approach them in a more constructive way. A joint university-community program, the Consortium unites researchers, educators, and practitioners from many fields for the purposes of theory-building, testing, disseminating, and applying new conflict management techniques. These efforts are designed to lead to an improved understanding of conflict dynamics, along with better methods for confronting and managing intractable conflicts and reaching good decisions.

Contact:

Barbara Gray, Director: Conflict Research Consortium - Environmental Conflict Projects	408 Beam Building, Department of Management & Organizational Behavior, University Park, PA 16802, Phone 814-865-3822, Fax: 814-865-0123, Email: b9g@psu.edu
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Conflict Resolution Centre International (CRCI)

Conflict Resolution Center International is a non-profit Center promoting non-violent conflict resolution. CRCI is home of one of the largest libraries on conflict and dispute resolution; and annually publishes the Conflict Resolution Resource Directory.

Cornell University

Web URL: www.cornell.edu

A. Cornell Program on Environment and the Community - PEC (Previously Cornell Program on Environmental Conflict Management)

Background information on the Mesoamerica/Caribbean Focus:

Program goals in Central America have focussed on building local practitioner networks in Honduras and the Mesoamerica region. In Honduras, PEC and the CIIFAD Central America Program have worked closely with the Colabora Network in developing a series of capacity-building workshops and site-based case studies. Regionally, PEC continues to assist the Mesoamerica Socio-Environmental Conflict Management Network in case study documentation and analysis, program cross visits, capacity-building workshops and network development.

B. Department of Natural Resource Management:

Course: Critical Issues in Conservation and Sustainable Development

Instructor:

Description: The purpose of this course is to establish a conceptual foundation for analyzing and addressing practical conservation and sustainable development issues from an interdisciplinary perspective. It will engage students in both the inherent conflicts and potential compatibilities between natural resource conservation and development for human needs. Principles will be identified for effective interdisciplinary analysis of biodiversity conservation efforts, natural resource management systems, and agricultural production technologies by examining real-world issues in both the developed and developing world. This course focuses on the intersection between people, biodiversity, and rural land use at the ground level, with an emphasis on communities and regional ecosystems.

Contact:

Tahnee Robertson (co-author) Cornell Program on Environment and the Community Mesoamerica Program Coordinator	Program on Environment and Community Center for the Environment 112 Rice Hall Ithaca, NY 14853 122A Fernow Hall tmr5@cornell.edu
Prof. Barbara A. Knuth B. Department of Natural Resource Management:	Department of Natural Resource Management 122A Fernow Hall Cornell University, Ithaca, NY 14853 bak3@cornell.edu

George Mason University**Web URL:** www.gmu.edu**A. Institute for Conflict Analysis and Resolution**

Background: The Institute's mission is to advance the understanding and resolution of significant and persistent human conflicts among individuals, small groups, communities, ethnic groups, and nations. Major research interests include the analysis of deep-rooted conflicts and their resolution; the exploration of conditions attracting parties to the negotiation table; the role of third parties in dispute resolution; and the testing of a variety of conflict intervention methods in community, national, and international settings.

Contact:

Prof. MICHELLE LEBARON Institute for Conflict Analysis and Resolution	Institute for Conflict Analysis and Resolution George Mason University Fairfax, Virginia 22030-4444 mlebaron@gmu.edu
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Harvard University**Web URL:** www.harvard.edu**A. Centre for International Development, (CID)**

Course: Environment and Environmentalism: Anthropological Perspectives
Instructor: Pauline E. Peters (Anthropology Department)
Description: An anthropological exploration of current debates on environment and environmentalism. Through readings on a range of countries and peoples, considers the following themes: the ways in which different groups in different times and places

produce cultural constructions of nature, landscape, wilderness, and environment; contestations over the use, knowledge, and meanings of natural resources; movements between the culturalization of nature and the naturalization of culture; environmentalism as discourse; environmental social movements and cults; landscape as commodity.

Course: Natural Resource Economics in Developing Countries
Instructor: Theodore Panayotou and Jeffrey R. Vincent (Economics Dept.)
Description: Economic theory of natural resources and the environment in a development context and policy analysis of resource and environmental issues in developing countries: market failures, collective choice and intertemporal allocation; optimal use and conservation of renewable and nonrenewable resources; market structure, technology, and resource scarcity; externalities and environment; economic growth and resource depletion; resource taxation and regulation; development strategy and resources policy.

Course: Environmental and Resource Economics and Policy
Instructor: Robert N. Stavins (Kennedy School of Government)
Description: Provides a survey, from the perspective of economics, of policy issues associated with natural resource use and environmental protection. Lectures on conceptual and methodological topics are combined with case discussions of actual resource and environmental controversies.

Course: Conflict and Development in the Third World
Instructor: Sanjeev Khagram
Description:

B. Program on Environment and Natural Resource Management (housed within CID)

Director: Theodore Panayotou

Description: This program specifically addresses the challenges of environmental sustainability in the context of economic development. It conducts multidisciplinary research involving the natural and social sciences in order to better understand physical systems and human behaviour as they interact with each other to determine the use and sustainability of critical natural resources and the environment in the developing world. Particular emphasis is placed in regions such as Central America, the Amazon basin and Southeast Asia, which have substantial natural resources of national and global significance that are facing imminent risks.

Program Foci Include:

i. Forestry Management

Directed by: Peter Ashton

Description: Research seeks to identify the combination of forest uses and silvi-cultural practices that will maximize the socioeconomic and environmental values of the world's vast forests and biodiversity resources. This research involves analysis from several disciplines working in tandem to understand human/nature interactions in the neo-tropics and to develop instruments and institutions that will promote sustainable forest management.

ii. Water Resources

Description: Conflicts over shared water resources are becoming a major source of international disputes. Water is emerging as the limiting factor in economic and social development in many parts of the world, including Latin America, often despite plentiful water resources. Further research will focus on ways to introduce and institutionalize incentives for efficient water use, and to mobilize financial resources through private sector participation. In this context, understanding the hydrology of natural water systems is as important as understanding human behaviour and cultural attitudes towards water.

C. Harvard Law School Program on Negotiation (PON)

Course: Mediation and Participatory Approaches

Instructor:

Description: This seminar explores the nature of "participation" as a social process central to problem solving, conflict management, and large-scale change. It focuses on mediation as an exemplar of a genre of change processes that foster the involvement of those affected by the problem in authoring solutions.

Contact:

Marjorie Corman Aaron Executive Director - Program on Negotiation at Harvard Law School (PON)	500 Pound Hall, Cambridge, MA 02138, Ph.(617)495-1684 Fax: (617)495-7818 maaron@law.harvard.edu .
Theodore Panayotou Prof. - CID - Program on Environment and Natural Resource Management	One Eliot Street Building 79 JFK Street, Cambridge, MA 02138 tpanayot@hiid.harvard.edu
Sanjeev Khagram Prof. CID - Program on Environment and Natural Resource Management	One Eliot Street Building 79 JFK Street, Cambridge, MA 02138 sanjeev_khagram@harvard.edu
Peter Ashton Prof. CID - Program on Environment and Natural Resource Management	One Eliot Street Building 79 JFK Street, Cambridge, MA 02138 pashton@hiid.harvard.edu

Indiana University

Web URL: www.indiana.edu

A. The Indiana Conflict Resolution Institute (ICRI) in the School of Public and Environmental Affairs (SPEA)

Description:

Research is dedicated to the understanding and expansion of conflict and dispute resolution in public and private arenas. The Institute received initial funding from Indiana University through a program called the Strategic Directions Initiative; much of its continuing research is funded with grants from private foundations and organizations.

(Indiana Conflict Resolution Institute, School of Public and Environmental Affairs

Room 322, 1315 East 10th Street, Bloomington, IN 47405. Phone: (812) 855-1618, Fax: (812) 856-6031).

Contact:

Rosemary O’Leary, Professor, Principal Investigator, The Indiana Conflict Resolution Institute (ICRI) in the School of Public and Environmental Affairs (SPEA)	(Indiana Conflict Resolution Institute, School of Public and Environmental Affairs Room 322, 1315 East 10th Street, Bloomington, IN 47405. Phone: (812) 855-1618, Fax: (812) 856-6031). roleary@maxwell.syr.edu
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MIT

Web URL: www.mit.edu

A. Centre for Environmental Initiatives: PEER (Program on Environmental Education and Research)

Course: Environmental Justice

Instructor: D. O’Rourke

Description: Examines theories and practice of environmental justice in both domestic and international contexts, exploring and critically analyzing philosophies, frameworks, and strategies underlying environmental justice movements. Evaluates ethical bases underlying environmental justice frameworks. Examines case studies of environmental injustices including: distribution of environmental quality and health, unequal enforcement of regulations, unequal access to resources to respond to environmental problems, and the broader political economy of decision-making around environmental issues. Explores how environmental justice movements relate to broader sustainable development goals and strategies.

Contact:

Lawrence E. Susskind Professor of Urban and Environmental Planning	DUSP, Massachusetts Institute of Technology, Room 7-337, 77 Massachusetts Avenue · Cambridge, MA 02139-4307 USA susskind@mit.edu
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David Laws Department of Urban Studies and Planning at MIT	DUSP, Massachusetts Institute of Technology, Room 7-337, 77 Massachusetts Avenue · Cambridge, MA 02139-4307 USA dlaws@mit.edu
Lawrence Bacow Professor of Environmental Studies	DUSP, Massachusetts Institute of Technology, Room 7-337, 77 Massachusetts Ave., Cambridge MA 02139 bacow@MIT.EDU
D. O'Rourke Centre for Environmental Initiatives: PEER (Program on Environmental Education and Research)	Centre for Environmental Initiatives: PEER Building 1-123 77 Massachusetts Avenue Cambridge, MA 02139 dorourke@mit.edu
Dr. Matthew Gardner Education Coordinator, Program on Environmental Education and Research, and the Center for Environmental Initiatives	Centre for Environmental Initiatives: PEER Building 1-123 77 Massachusetts Avenue Cambridge, MA 02139 gardner@MIT.EDU

RESOLVE, Inc.

Web URL: www.resolve.org

RESOLVE Inc. is a Washington, DC (and now also Portland, Oregon), based non-profit organization specializing in environmental dispute resolution, environmental mediation, consensus building, facilitation, conflict resolution and policy dialogue. RESOLVE is a leader in mediating solutions to controversial problems and broadening the techniques for consensus building on public policy issues. RESOLVE is dedicated to improving dialogue and negotiation between parties to solve complex public policy issues and to advancing both research and practice in the dispute resolution field. RESOLVE works in the United States and internationally.

Contact:

RESOLVE, Inc.	Abby S. Arnold, Gail Bingham,	1255 23rd Street, NW, Suite 275, Washington, DC 20037 Abby S. Arnold: aarnold@resolve.org Gail Bingham: gbingham@resolve.org
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State University of N.Y. (SUNY)

Web URL: www.suny.edu

A. College of Environmental Science and Forestry

Graduate Programs:

i. Environmental and Community Land Planning

Instructors: Doble, Gratzner, Hawks, Lewis, Shannon

Description: Environmental and community planning is concerned with orderly, efficient, equitable, and aesthetic development of land with special concern for (i) the state of the natural environment, (ii) the physical character of communities, and (iii) decision making at state, county, and local levels of government. Planning balances competing demands on land and environment brought about by expanding urban and rural development, and enhancing viable natural and cultural resources is an important planning perspective. Another perspective involves the guiding of private and public development processes within a pluralistic political environment in order to, promote sustainable communities while at the same time respecting fiscal, environmental, and legal constraints.

ii. Environmental Policy and Democratic Processes

Instructors: Felleman, Floyd, Keith, Luzadis, Malmsheimer, Meisner, Nordenstam, Senecah, Smardon

Description: The environmental policy and democratic processes study area addresses problems of environmental decision making at a time of rapid institutional and social change. How our society can best meet the growing challenges of environmental stewardship through mandated and voluntary public participation in decision making is the central question. The focus of this study area is on developing new understanding of public participation in environmental decision making, against the backdrop of environmental policy making and program implementation. Particular attention is given to (a) the variety of organizations involved in participation, which generally are the institutions and agencies of government, citizen-based non governmental organizations, and the business or industrial sector, (b) the availability and utility of environmental information for these groups, and (c) the participation and integration of all informed stakeholders into environmental decision making. This tripartite scheme of organizations, information, and participation frames student programs of study, and suggests important directions for student and faculty research efforts.

Contact:

William R. Bentley, Chair College of Environmental Science and Forestry Environmental and Community Land Planning	College of Environmental Science and Forestry Environmental and Community Land Planning 320 Bray Hall, One Forestry Drive Syracuse, NY 13210-2788 wbentley@esf.edu or Valerie A. Luzadis SUNY College of Environmental Science and Forestry 307 Bray Hall, One Forestry Drive Syracuse, NY 13210 vluzadis@mailbox.syr.edu
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Syracuse University

Web URL: www.syr.edu

A. Program on the Analysis and Resolution of Conflicts:

Course: Environmental, Culture, Gender and Conflict Resolution

Instructor:

Description:

Contact:

Prof. Peter Black or Director: Robert A. Rubinstein, Professor of Anthropology and of International Relations	Program on the Analysis and Resolution of Conflicts 410 Maxwell Hall Syracuse, NY 13210 Peter Black : peblack@esf.edu Robert A. Rubinstein: rar@syr.edu
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University of Virginia

Web URL: www.virginia.edu

A. Institute for Environmental Negotiation

The goal of the Institute for Environmental Negotiation is to make mediation and consensus building services available to governments, citizen organizations and businesses dealing with conflicts and complex policy choices related to land use and the natural and built environments.

Winrock International - Forestry and Natural Resource Management

Winrock International's Forestry and Natural Resource Management program combines expertise, research and proven techniques with training and policy initiatives to address forestry and resource management challenges. Emphasis is placed on developing the capacity of individuals and institutions to identify and solve complex problems. The Forestry and Natural Resource Management Program is built on the following core elements:

- Global Forestry Networks
- Farm and Community Forestry
- Integrated Resource Conservation and Management
- Environmental and Water Policy
- Forest Carbon Inventory and Monitoring

Contact:

Winrock International - Forestry and Natural Resource Management	Neva Goodwin Co-director, Global Development & Environmental Institute Tufts University Cambridge, MA	Department: Global Devel & Envir Inst Cabot Building-170 Packard Ave Campus: Medford MA 02155 USA ngoodwin@tufts.edu
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The World Bank Institute

Web URL: www.worldbank.org

i. WBIEN - Environment and Natural Resources Group

The objective of the environment and Natural Resources Group of The World Bank Institute (WBIEN) is to promote sustainable development in its social, economic, and environmental dimensions, by facilitating a learning dialogue and disseminating innovative approaches to sustainable development, primarily among policy-makers and opinion leaders.

The Division is structured into six thematic groups:

- Rural Development and Sustainable Agriculture
- Conservation and Sustainable Use of Forests and Aquatic Ecosystems
- Environmental Economics and Policy
- Social Development
- Urban Environment and Pollution Management
- Water Resources Management

ii. The World Bank Development Education Program

The Development Education Program (DEP) designs tools and resources to help teachers and students, principally at the secondary school level, study -- and think critically about -- social, economic, and environmental issues of sustainable development affecting their countries, their regions, and the world. It works in partnership with educators, governments, and teaching institutions to determine specific development education needs, design, develop and disseminate tools and resources for teachers that meet those needs including print-based materials, audio and video materials, CD-ROM, facilitate the exchange of ideas, information, expertise, resources, and best practice, and build education networks within and between countries that help ensure widespread understanding of and commitment to sustainable development.

Contact:

World Bank Institute	Katherine Sheram Program Manager, Development Education Program	Development Education Program The World Bank 1818 H Street, N.W. Washington, DC 20433 USA
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University of Wyoming

Web URL: www.wyoming.edu

A. Institute for Environment and Natural Resources

Projects:

i. Collaborative Decision Making

The aim of the Institute for Environment and Natural Resources (IENR) is to help assure informed decision making on environmental and natural resource issues affecting the West by promoting collaborative approaches that sustain both the economy and the environment. This collaborative problem solving approach incorporates balance and respect for transdisciplinary research and best available information.

Venezuela

Universidad Experimental de los Llanos Occidentales Ezequiel Zamora - Sede Guanaire

Contact information: Avenida 23 de Enero UNELLEZ, Alto Barinas, Barinas, Venezuela Código Postal:5201 Teléfono: 58-73-331393,

Web URL: <http://www.unellez.edu.ve/default/PostGrado/PostGrado.html>

Faculty / Dept.: Magíster Scientiarum en Recursos Naturales Renovables - Mención en Manejo de Fauna Silvestre y Acuática

Details / courses: “...proyectos de investigación de manejo de fauna silvestre y acuática, orientados hacia la disminución de los conflictos existente entre las demandas humanas y la conservación.” (Research on management of wild and aquatic fauna oriented towards reducing conflicts between human and conservation demands)

Section 2: Other Institutions

Food and Agriculture Organizations (FAO) - Community Forestry –Conflict Management

Web URL: www.fao.org

Program Description:

The development and implementation of conflict management strategies is a priority of FAO's Community Forestry Unit (CFU) and its Forests, Trees and People Programme (FTPP). Methods and tools are being developed in partnership with national and regional institutions throughout Asia, Africa and Latin America to support a holistic and integrated process that facilitates people's participation in the management of natural resources and rural development. It supports a participatory approach that endeavours to include all stakeholders, from policy-makers to local communities, and works to create an enabling environment where they can negotiate as equal partners and reach equitable solutions. The participatory approach geared to facilitating the resolution of conflicts among users of natural resources and forests is a new element in strengthening the capacities of local groups. Current CFU/FTPP activities and outputs are specifically directed toward conflict management practitioners and community-based organizations. The goal is to enable and support local communities and rural organizations by developing effective conflict management strategies and practices. The objectives are to:

- develop new tools and skills for conflict management;
- support the implementation of those new tools and skills through training;
- support and strengthen the institutional capacity of training organizations and centres; and
- support the exchange of experiences between community-based organizations, non-government organizations (NGOs) and government organizations involved in conflict management and training.

CFU activities focus on three areas: methods and tools and training.

Selected References on Conflict and Environment

Blauert, Jutta and Simon Zadek. 1998. A Cautiously Optimistic Tale. In *Mediating Sustainability: Growing Policy from the Grassroots*, pp 255-27. West Hartford, Conn: Kumarian Press.

Burgess, G., and H. Burgess. 1996. *Characteristics of More Constructive Approaches to Intractable Conflict*. Conflict Research Consortium, University of Colorado, Boulder, CO.

Burgess, G., and H. Burgess. 1997. *Constructive Confrontation: A Strategy for Dealing with Intractable Environmental Conflicts*. Conflict Research Consortium,

Bingham, Gail. *Resolving Environmental Disputes: A Decade of Experience*. The Conservation Foundation, 1986.*

Buckles, D. 1999. *Cultivating Peace: Conflict and Collaboration in Natural Resource Management*. IDRC/World Bank: Ottawa/Washington. The book is a collection of concept papers and case studies from Africa, Asia and Latin America. It is available **full text** online, for free, in English, French, and Spanish: http://www.idrc.ca/acb/showdetl.cfm?&DID=6&Product_ID=389&CA_TID=15

Carpenter, S. and Kennedy, W.J.D, "Environmental Conflict Management." *Environmental Professional* 1, 1, University of Iowa. Iowa City, IA: Pergamon Press, 1980.

Clark, P.B. and Cummings, F.H. "Selecting an Environmental Conflict Management Strategy", in *MARCUS: Working Papers in Environmental Conflict Management*. New York, NY: American Arbitration Association, 1981.

Cormick, G., "The 'Theory' and Practice of Environmental Mediation." *Environmental Professional* 2, 1, University of Iowa. Iowa City, IA: Pergamon Press, 1980.

Crocker, Jarle, DuPraw, Marcelle E., Kunde, James, and Potapchuk, William. *Negotiated Approaches To Environmental Decision Making in Communities: An Exploration of Learned*. Published by the Program for Community Problem Solving (Washington, DC) jointly with the National Institute for Dispute Resolution and the Coalition to Improve Management in State and Local Government, 1996.

Crowfoot, James E. and Wondolleck, Julia M. *Environmental Disputes - Community Involvement in Conflict Resolution*. Island Press, 1990

University of Colorado, Boulder, CO. *Characteristics of intractable conflicts*; briefly discusses the role of power in alternative dispute resolution processes; offers some advice and wisdom in these types of situations.

Gray, Barbara. *Collaborating: Finding Common Ground for Multiparty Problems*. Jossey-Bass Publishers, 1989.

Jasanoff, S. 1996. The dilemma of environmental democracy. *Issues in Science and Technology*:63-70, Fall 1996. Discussion of how the scientific and public communities must co-exist in decision-making processes.

Symposium Summary -The Cutting Edge: Environmental Dispute Resolution for the Nineties, Institute for Environmental Negotiation and RESOLVE - Center for Environmental Dispute Resolution, 1994.*

Johnson, K. 1993. Reconciling rural communities and resource conservation. *Environment* 35(9):16-33.

Keown, L. 1998. Using collaborative leadership to manage conservation issues and conflicts. *Conservation Voices*:23-26, June-July 1998.

Kruse, C. 1995. Measuring the potential success of natural resource conflict resolution decisions. M.S. Thesis, Dept. of Geography and Recreation, University of Wyoming, Laramie, WY 82071. Examines the importance of group composition, dynamics, process, and cohesion regarding the group decision to consensus facilitation.

Little, Peter D. 1994. The Link Between Local Participation and Improved Conservation: A Review of Issues and Experiences. In: *Natural Connections: Perspectives in Community-based Conservation*. David Western and R. Michael Wright (eds) pp 347-372. Washington, DC: Island Press.

Manring, N.J. 1998. Collaborative resource management: organization benefits and individual costs. *Administration and Society* 30(3):274-290.

Examines the time demands and personal costs of collaborative processes for organizations and for individuals. Changes in organizational policies are suggested to help mitigate the differential costs and benefits and thus reduce some of the barriers to using collaborative management.

McCloskey, M. 1996. The skeptic: collaboration has its limits. *High Country News*, May 13, page 7.

McComas, K.A. and C.W. Scherer. 1999. Providing balanced risk information in surveys used as citizen participation mechanisms. *Society and Natural Resources* 12:107-119.

Discussion of how providing balanced information in public surveys impacts the responses to questions on waste management.

McKinney, M. J. 1997. What do we mean by consensus? *Chronicle of Community* 1(3):47-50, Spring 1997.

Ostrom, Elinor, 1994. "Neither market Nor State: Governance of Common-Pool Resources in the Twenty-first Century." IFPRI Lecture Series.

Sinclair, A.J. and D.L. Smith. 1999. The model forest program in Canada: building consensus on sustainable forest management? *Society and Natural Resources* 12:121-138.

Examines the approaches of working together to build consensus on forest management attempted by different stakeholder organizations.

Smith, P.D., M.H. McDonough and M.T. Mang. 1999. Ecosystem management and public participation, lessons from the field. *Journal of Forestry* 97(10):32-38.

Stein, T.V., D.H. Anderson, and T. Kelly. 1999. Using stakeholders' values to apply ecosystem management in an Upper Midwest landscape. *Environmental Management* 24(3):399-413.

Tarnow, K., P. Watt, and D. Silverberg. 1996. Collaborative Approaches to Decision Making and Conflict Resolution for Natural Resource and Land Use Issues: A Handbook for Land Use Planners, Resource Managers, and Resource Management Councils. Oregon Department of Land Conservation and Development, Salem, OR. Telephone 503-373-0050.

Natural Resources and Environmental Issues: Conflicts in Natural Resources Management Symposium . Symposium - College of Natural Resources (1993).

Bacow, Lawrence and Michael Wheeler Environmental Dispute Resolution,, New York, NY:Plenum, 1984.

Avruch et al. Conflict Resolution: Cross-Cultural Perspectives;, (New York, Greenwood Press, 1991) (1)

Sandole (ed) Conflict Resolution and Theory and Practice;(New York: Manchester University Press, 1993)